

Applied/Talent Owner: Michael Caskey, Riggs Cate, Melissa Law, Andrew Butler, Stephen Robert Bloom, Caroline Ann Smol, Rachel Louisa Bachman, and Muhammad Ali Shadi

ENTITLED: MODIFICATION OF FEEDING BEHAVIOR

stated that it is

2. ☐ an encumbrance of less than the entire right, title and interest.
The extent (by percentage) of his ownership interest is _____ %.

in the patent application/patent identified above by virtue of either

- A-2 An assignment from the inventor(s) of the patent application(s) identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, as far which a copy thereof is attached.

OK

8. ☐ A chain of title from the inventor(s), or the patent applicant(s) patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Real _____, Frame _____ or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Real _____, Frame _____ or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at
Real _____, Frame _____ or for which a copy thereof is attached.

- ☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments and other documents in the chain of title are attached.

NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.081.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

[Handwritten signature]

Signature

Arundee S. Fredman

Printed & Typed Name _____

6-30-05

Date _____

(S03) 494-8200

Telephone Numbers

Director, Technology & Research Collaborations

[illegible]

If you need assistance in completing the form, call 1-800-PTC-STAT and select option 2.

Oregon Health and Science University

Best Available Copy

ASSIGNMENT

We, Michael Cowley of 6724 S. E. 19th Avenue, Portland, Oregon 97202, Roger Cone of 16563 S. Hattan Road, Oregon City, Oregon 97045, Malcolm Low of 4650 S. W. Upper Drive, Lake Oswego, Oregon 97035, Andrew Butler of 9010 Worth Avenue, Baton Rouge, LA70810, USA (formerly of 3730 S.W. 12th Avenue, Apartment 10, Portland, Oregon 97201), Stephen Robert Bloom of 49 Hollycroft Avenue, Hampstead, London NW3 7QS, United Kingdom, Caroline Jane Small of 46 Cumberland Road, London W3 6EY, United Kingdom, Rachel Louise Batterham of Flat 15 Great Sutton Street, London, EC1V 0BY, United Kingdom, and Mohammad Ali Ghatci of 17 Warrender Way, Ruislip, Middlesex, HA4 8EB, United Kingdom, in consideration of ten dollars and other valuable consideration paid to us by each of Imperial College Innovations Ltd., a corporation of the United Kingdom having its principal place of business at Sherfield Building, Imperial College, London SW7 2AZ, United Kingdom, and Oregon Health and Science University, a corporation of the State of Oregon, having its principal place of business at 3181 S.W. Sam Jackson Park Road, L335, Portland, Oregon 97201 (hereinafter "said Assignees"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignees, their successors and assigns, a joint, undivided interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Modification of Feeding Behavior Using PYY and GLP-1*" described in U.S. Serial No. 10/501,411 filed in the United States Patent and Trademark Office on July 12, 2004, by Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatci, which is a filing under 35 U.S.C. § 371 of PCT Application No. PCT/GB03/00062 filed under the Patent Cooperation Treaty on January 10, 2003, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 60/392,109 filed in the United States Patent and Trademark Office on June 28, 2002, and in the PCT application to which priority is claimed, being PCT Application Serial No. PCT/US02/31944 filed in the U.S. Receiving Office for the Patent Cooperation Treaty on September 24, 2002, and in the United Kingdom application to which priority is claimed, being United Kingdom Application No. GB 0200507.2 filed in the United Kingdom on January 10, 2002, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part,

Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatei

Filed: July 12, 2004

ASSIGNMENT

reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Assignees and their successors and assigns, but at their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignees, with specifications and claims in such form as shall be approved by the counsel of said Assignees, and to vest and confirm in said Assignees, their successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignees, their successors and assigns.

WITNESS my hand and seal this 25TH day of May, 2005.

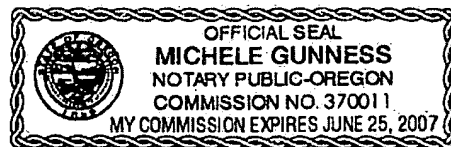

Michael Cowley

State of Oregon
County of Multnomah

Then personally appeared the above named Michael Cowley and acknowledged the foregoing instrument to be his free act and deed, before me this 25TH day of May, 2005.


Notary Public

My Commission expires: June 25, 2007



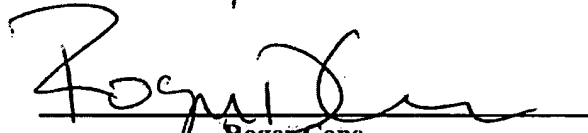
Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatel

Filed: July 12, 2004

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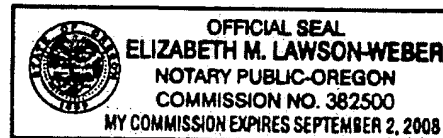

Roger Cone

Date of Oregon
County of Multnomah

Then personally appeared the above named Roger Cone and acknowledged the foregoing instrument to be his free act and deed, before me this 17th day of May, 2005.


Notary Public

My Commission expires: Sept. 2, 2008



Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatel

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 17 day of May, 2005.

Malcolm Low

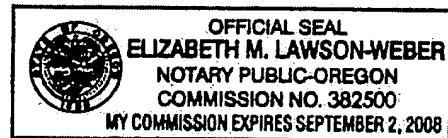
Malcolm Low

State of Oregon
County of Multnomah

Then personally appeared the above named Malcolm Low and acknowledged the foregoing instrument to be his free act and deed, before me this 17th day of May, 2005.

Elizabeth M. Lawson-Weber
Notary Public

My Commission expires: September 2, 2008



Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatel

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 16th day of May, 2005.



Andrew Butler

State of Louisiana)
Parish East Baton Rouge)
County of East Baton Rouge)

Then personally appeared the above named Andrew Butler and acknowledged the foregoing instrument to be his free act and deed, before me this 16th day of May, 2005.



Notary Public

My Commission expires: at Death

Guy J. LaVerigne ID#9704

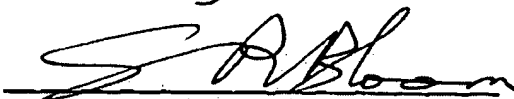
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By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatei

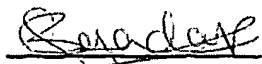

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 27th day of May, 2005.


Stephen Robert Bloom

Witnesses:

1. Signed: 
Printed Name: SARA YADAV
Address: 65 WESTBOURNE TERRACE, LONDON
W2 3UY
2. Signed: 
Printed Name: R. L. Chordas - N. H.
Address: 1, Rachel Rd
Cigston let 131

Title: "Modification of Feeding Behavior Using PYY and GLP-1"
By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise
Batterham, and Mohammad Ali Ghatel
Filed: July 12, 2004
ASSIGNMENT

WITNESS my hand and seal this 27 day of May, 2005.

Caroline Jane Small
Caroline Jane Small

Witnesses:

1. Signed: Synda
Printed Name: SARA YADAV
Address: 65 WESTBOURNE TERRACE, LONDON,
W12 3UY
2. Signed: Clapham
Printed Name: CRYSTALLA ORPHANIDES
Address: DEPT OF. METABOLIC MEDICINE, HAMMERSMITH CAMPUS
IMPERIAL COLLEGE LONDON, 6th FLOOR COMMONWEALTH
BUILDING, DU CANE ROAD, LONDON.

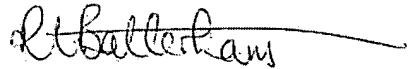
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By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatei

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 7th day of June, 2005.



Rachel Louise Batterham

Witnesses:

1. Signed: Colin Selman.
Printed Name: COLIN SELMAN.
Address: 44 LAVERS ROAD, STOKE NEWINGTON
LONDON N16 0DT.

2. Signed: H. Heffron
Printed Name: HELEN HEFFRON
Address: 119A TREVELYAN ROAD
LONDON SW17 9LP

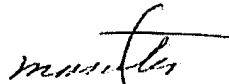
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By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatei

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 27 day of MAY, 2005.



Mohammad Ali Ghatei

Witnesses:

1. Signed: [Signature]
Printed Name: SARA YADAV
Address: 65 WESTBOURNE TERRACE, LONDON
W2 3UT
2. Signed: [Signature]
Printed Name: CRYSTALLA ORPHANIDES
Address: DEPT OF METABOLIC MEDICINE, HAMMERSMITH CAMPUS,
IMPERIAL COLLEGE LONDON, 6TH FLOOR COMMONWEALTH
BUILDING, DU CANE RD, LONDON.

ASSIGNMENT

We, Michael Cowley of 6724 S. E. 19th Avenue, Portland, Oregon 97202, Roger Cone of 16563 S. Hattan Road, Oregon City, Oregon 97045, Malcolm Low of 4650 S. W. Upper Drive, Lake Oswego, Oregon 97035, Andrew Butler of 9010 Worth Avenue, Baton Rouge, LA70810, USA (formerly of 3730 S.W. 12th Avenue, Apartment 10, Portland, Oregon 97201), Stephen Robert Bloom of 49 Hollycroft Avenue, Hampstead, London NW3 7QS, United Kingdom, Caroline Jane Small of 46 Cumberland Road, London W3 6EY, United Kingdom, Rachel Louise Batterham of Flat 15 Great Sutton Street, London, EC1V 0BY, United Kingdom, and Mohammad Ali Ghatci of 17 Warrender Way, Ruislip, Middlesex, HA4 8EB, United Kingdom, in consideration of ten dollars and other valuable consideration paid to us by each of Imperial College Innovations Ltd., a corporation of the United Kingdom having its principal place of business at Sherfield Building, Imperial College, London SW7 2AZ, United Kingdom, and Oregon Health and Science University, a corporation of the State of Oregon, having its principal place of business at 3181 S.W. Sam Jackson Park Road, L335, Portland, Oregon 97201 (hereinafter "said Assignees"), the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Assignees, their successors and assigns, a joint, undivided interest for the United States of America, and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property, in a certain invention or improvement in "*Modification of Feeding Behavior Using PYY and GLP-1*" described in U.S. Serial No. 10/501,411 filed in the United States Patent and Trademark Office on July 12, 2004, by Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatci, which is a filing under 35 U.S.C. § 371 of PCT Application No. PCT/GB03/00062 filed under the Patent Cooperation Treaty on January 10, 2003, and in the provisional application to which priority is claimed, being U.S. Provisional Application Serial No. 60/392,109 filed in the United States Patent and Trademark Office on June 28, 2002, and in the PCT application to which priority is claimed, being PCT Application Serial No. PCT/US02/31944 filed in the U.S. Receiving Office for the Patent Cooperation Treaty on September 24, 2002, and in the United Kingdom application to which priority is claimed, being United Kingdom Application No. GB 0200507.2 filed in the United Kingdom on January 10, 2002, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any provisional, divisional, continuation, continuation-in-part,

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Filed: July 12, 2004

ASSIGNMENT

reissue, or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said Assignees and their successors and assigns, but at their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said Assignees, with specifications and claims in such form as shall be approved by the counsel of said Assignees; and to vest and confirm in said Assignees, their successors and assigns, the legal title to all such patents.

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said Assignees, their successors and assigns.

WITNESS my hand and seal this 25TH day of May, 2005.


Michael Cowley

State of Oregon
County of Multnomah

Then personally appeared the above named Michael Cowley and acknowledged the foregoing instrument to be his free act and deed, before me this 25TH day of May, 2005.


Notary Public

My Commission expires: June 25, 2007



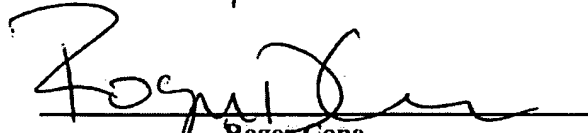
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Filed: July 12, 2004

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WITNESS my hand and seal this 17th day of May, 2005.

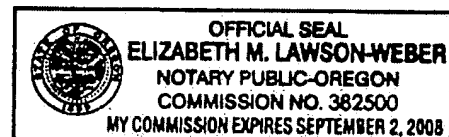

Roger Cone

State of Oregon
County of Multnomah

Then personally appeared the above named Roger Cone and acknowledged the foregoing instrument to be his free act and deed, before me this 17th day of May, 2005.


Notary Public

My Commission expires: Sept. 2, 2008



Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatel

Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 17 day of May, 2005.

Malcolm Low

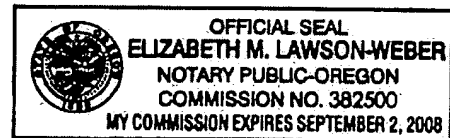
Malcolm Low

State of Oregon
County of Multnomah

Then personally appeared the above named Malcolm Low and acknowledged the foregoing instrument to be his free act and deed, before me this 17th day of May, 2005.

Elizabeth M. Lawson-Weber
Notary Public

My Commission expires: September 2, 2008



Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatel

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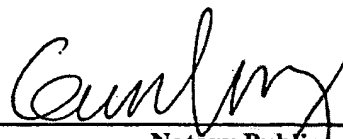
WITNESS my hand and seal this 16th day of May, 2005.



Andrew Butler

State of Louisiana
Parish of East Baton Rouge
County of East Baton Rouge

Then personally appeared the above named Andrew Butler and acknowledged the foregoing instrument to be his free act and deed, before me this 16th day of May, 2005.



Notary Public

My Commission expires: at Death

Guy J. LaVerigne ID#9704

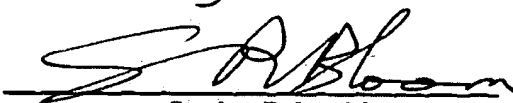
Title: "Modification of Feeding Behavior Using PYY and GLP-1"

By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise Batterham, and Mohammad Ali Ghatei



Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 22nd day of May, 2005.

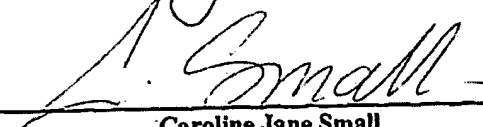

Stephen Robert Bloom

Witnesses:


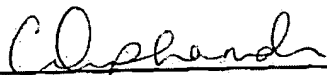
1. Signed: 
Printed Name: SARA YADAV
Address: 65 WESTBORNE TERRACE, LONDON
N2 3UY
2. Signed: 
Printed Name: R. L. Chardon - Mrs.
Address: 1, Rachel Rd
Cigston let 131

Title: "Modification of Feeding Behavior Using PYY and GLP-1"
By: Michael Cowley, Roger Cone, Malcolm Low, Andrew Butler, Stephen Robert Bloom, Caroline Jane Small, Rachel Louise
Batterham, and Mohammad Ali Ghatti
Filed: July 12, 2004
ASSIGNMENT

WITNESS my hand and seal this 27 day of May, 2005.


Caroline Jane Small

Witnesses:

1. Signed: 
Printed Name: SARA YADAV
Address: 65 WESTBOURNE TERRACE, LONDON,
W12 3UY
2. Signed: 
Printed Name: CHARYSTALLA ORPHANIDES
Address: DEPT OF METABOLIC MEDICINE, HAMMERSMITH CAMPUS
IMPERIAL COLLEGE LONDON, 6TH FLOOR COMMONWEALTH
BUILDING, DU CANE ROAD, LONDON.

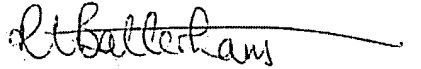
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Filed: July 12, 2004

ASSIGNMENT

WITNESS my hand and seal this 7th day of June, 2005.



Rachel Louise Batterham

Witnesses:

1. Signed: Colin Selman.
Printed Name: COLIN SELMAN.
Address: 44 LAVERS ROAD, STOKE NEWINGTON
LONDON N16 0DT.

2. Signed: H. Heffron
Printed Name: HELEN HEFFRON
Address: 119A TREVELYAN ROAD
LONDON SW17 9LP

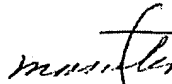
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Filed: July 12, 2004

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WITNESS my hand and seal this 27 day of MAY, 2005.



Mohammad Ali Ghatei

Witnesses:

1.

Signed:

Printed Name:

Address:

S. A. YADAV
65 WESTBOURNE TERRACE, LONDON
N2 3UY

2.

Signed:

Printed Name:

Address:

CRYSTALLA ORPHANIDES
DEPT OF METABOLIC MEDICINE, HAMMERSMITH CAMPUS,
IMPERIAL COLLEGE LONDON, 6TH FLOOR COMMONWEALTH
BUILDING, DU CANE RD, LONDON.

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